

Converting Colors

Hex(1DC0D1)

Have a look what the booklet for
Hex(1DC0D1) contains.

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Color

Hex(1DC0D1)

Conversions

Conversions Part 1

Format	Color
Hex	1DC0D1
RGB	29, 192, 209
RGB Percent	11%, 75%, 82%
CMY	0.8863, 0.2471, 0.1804
CMYK	0.86, 0.08, 0.00, 0.18
HSL	186°, 76%, 47%
HSV	186°, 86%, 82%
XYZ	30.8650, 42.5639, 66.9105
YIQ	145.2010, -102.6050, -29.2690

Conversions

Conversions Part 2

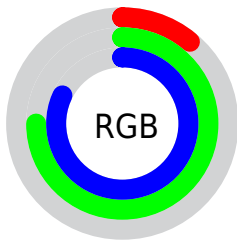
Format	Color
R_{YB}	29, 115, 209
Decimal	1949905
CIE _{Lab}	71.26, -32.44, -19.59
CIE _{LCh}	71, 37.896, 211.130
Yxy	42.5639, 0.2199, 0.3033
Android (android.graphics.Color)	4280139985 (0xFF1DC0D1)
YUV	145.2010, 31.4529, -101.9083
Hunter-Lab	65.2410, -29.7251, -15.1385

Details

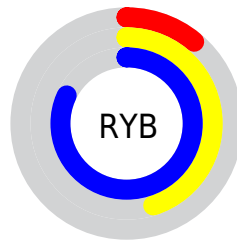
The Hex color **1DC0D1** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D12E1D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **70F9FF**, and **008A9B** is the 20% darker color. If you saturate the color by 10%, you get **08BED1**, and if you desaturate by 10%, it is **32C2D1**.

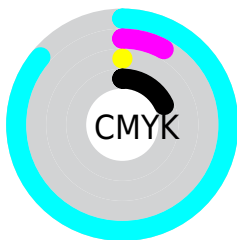
Distribution



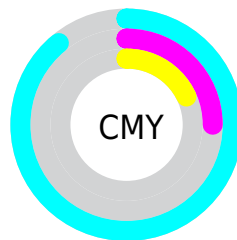
- Red (11%)
- Green (75%)
- Blue (82%)



- Red (11%)
- Yellow (45%)
- Blue (82%)



- Cyan (86%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)



- Cyan (89%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DC0D1 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 1DC0D1 by changing the saturation by 10% instead.

 1DC0D1

 1DC0D1

FFFFFF

 00A5B5

 70F9FF

 008A9B

 90FFFF

 007081

 AFFFFFF

 005767

 CEFFFF

 003F4F

 EDFFFF

 002938

 000B23

 00000B

 000000

■ 1DC0D1

■ 1DC0D1

■ 08BED1

■ 32C2D1

■ 00BDD1

■ 47C4D1

■ 5CC6D1

■ 71C8D1

■ 86CAD1

■ 9ACCD1

■ AFCED1

■ C4D0D1

■ D9D2D1

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48C1AF



1DC0D1



42BBEA

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1DC0D1



DB99D0



C4AD69

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



1DC0D1



D12E1D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E0A173



1DC0D1



EF94AE

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1DC0D1



B4A5EA



F0978D



A0B772

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



1DC0D1



6BB5F2



F0978D



CFA96A

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



1DC0D1



BDF9FF



1DD12C



587C80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



1DC0D1



00E7FF



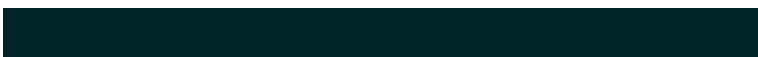
1D68D1



5E6869



0098A8



002529

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D11DC0



FF00E7



D1861D



695E68



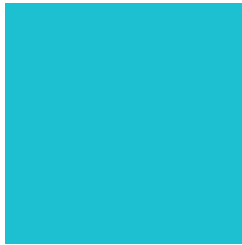
A80098



290025

Previews

White Background



This preview shows how the Hex color 1DC0D1 looks on a white background.

Color Contrast Check

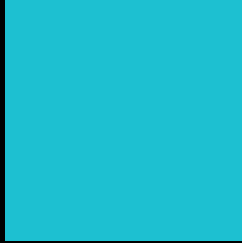
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 1DC0D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

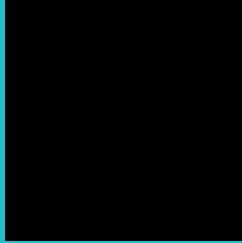
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1DC0D1 Background



This preview shows how black text looks on a background with the Hex color 1DC0D1.

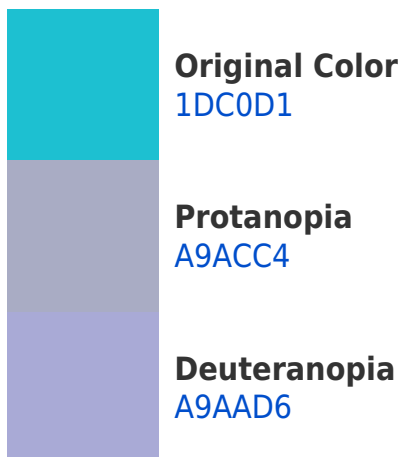


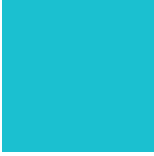
This preview shows how white text looks on a background with the Hex color 1DC0D1.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

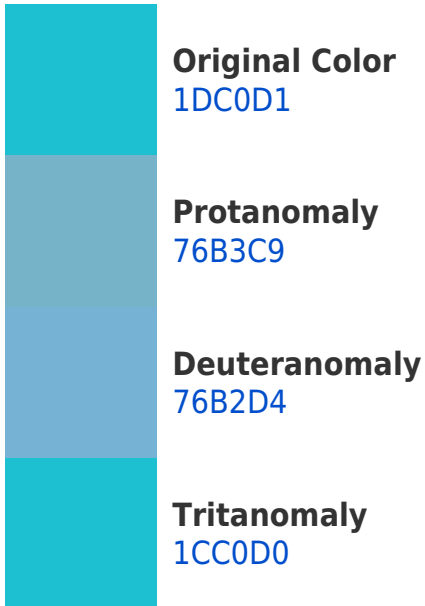
Dichromacy



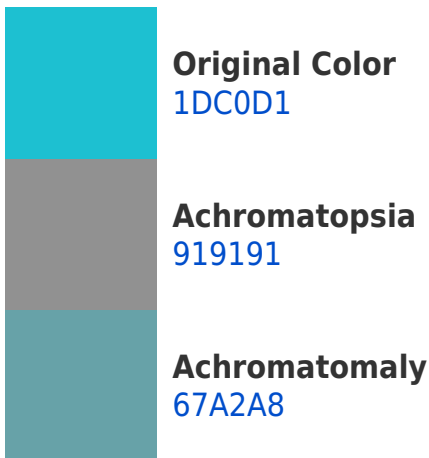


Tritanopia
1BC0D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1DC0D1 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #1DC0D1 looks like.

```
.text, #text, p{  
    color:#1DC0D1  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #1DC0D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DC0D1
}
```

Border

The CSS property to change the border of an element to Hex 1DC0D1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1DC0D1 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#1DC0D1 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #1DC0D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DC0D1; -webkit-box-shadow:4px 4px  
4px 4px #1DC0D1; box-shadow:4px 4px 4px  
4px #1DC0D1 }
```

Background

The CSS property to change the background color of an element to Hex 1DC0D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DC0D1 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#1DC0D1 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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